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With the Medical Officer of Health's Compliments.

Newport Port Sanitary Authority.

Annual Report

FOR THE YEAR 1921.

BY

**THE MEDICAL OFFICER OF HEALTH,
J. HOWARD JONES, M.D., D.Sc., C.M.**



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Fred D. Biddle, Printer and Stationer,
78 Canal Parade, and Merchant Street,

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COUNTY BOROUGH OF NEWPORT.

—o:o—

Health & Port Sanitary Committee, 1921-22.

Chairman—

COUNCILLOR WM. EVANS.

Deputy Chairman—

ALDERMAN COL. W. CLIFFORD PHILLIPS.

HIS WORSHIP THE MAYOR	COUNCILLOR A. T. W. JAMES
COUNCILLOR J. MCGINN	„ F. QUICK
„ LLOYD DAVIES	„ W. H. B. WILLIAMS
„ H. C. PARFITT	„ MAJ. VINCENT.
„ T. G. LEWIS	„ F. BASTICK.
„ P. WRIGHT	„ J. S. JOHNSON
„ W. A. LINTON	„ T. CROWTHER.
„ E. DAVIES	„ H. UZZELL
„ D. J. EVANS	

Clerk to Port Sanitary Authority—

ALBERT AUGUSTAS NEWMAN.

Medical Officer of Health—

J. HOWARD JONES, M.D., D.SC.

Port Sanitary Inspector—

W. JENKINS, Cert. Royal Sanitary Institute.

Assistant Inspector.

CHARLES WEAVER.

Caretaker of Port Sanitary Hospital at Cefn—

A. E. WALKER.

Newport Port Sanitary Authority.

—o:o—

HEALTH DEPARTMENT,

TOWN HALL, NEWPORT,

July, 1922.

TO THE CHAIRMAN AND MEMBERS OF THE NEWPORT PORT SANITARY
COMMITTEE.

GENTLEMEN,

I beg to submit my Report for the year 1921. It is made in accordance with the Regulations of the Local Government Board which are prescribed within the duties of the Medical Officer of Health.

The Port was permanently constituted a Port Sanitary District by the Local Government Board, May 9th, 1883.

I.—Constitution of Port Sanitary Authority:—

“The Port Sanitary Authority is the Mayor, Aldermen, and Burgesses of the Borough of Newport, acting by the Council. It discharges Port functions in waters abutting upon the Magor and St. Mellons Rural Sanitary Districts in addition to the Newport Urban Sanitary District.”

II.—Limits of Jurisdiction:—

“The whole of the Port of Newport (Order May 9th, 1883). By the Treasury Warrant, dated December 20th, 1847, the limits of the Port of Newport are defined as commencing at Redwick Pill, in the County of Monmouth, being the Western extremity of the Port of Chepstow, and continues along the coast of the said County to the River Rumney, and Seaward to the middle of the Severn.”

III.—Riparian Districts included (wholly or in part) in the Port Sanitary District :—

County Borough of Newport.

Magor Council District. Parishes—Nash, Goldcliff and Redwick.

St. Mellons Council District. Parishes—St. Brides, Peterstone, Rumney.

IV.—Apportionment of Expenses :—

The Urban Sanitary Authority contributes according to the rateable value of its district, and the Rural Sanitary Authorities contribute according to the rateable value of their riparian parishes.

The proportions contributed by the various Riparian Authorities towards expenses incurred by the Port Sanitary Authority are as follows :—

County Borough of Newport	...	92.02 per cent.
Magor Rural District Council	...	2.43 per cent.
St. Mellons District Council	...	5.55 per cent.

TABLE I.

Showing trade of Port for decennial periods extending over 40 years. Figures kindly supplied to me by the Secretary of the Newport Chamber of Commerce and H.M. Customs.

FOREIGN.				COASTWISE.			
Year	Tons Entered	Tons Cleared		Year	Tons Entered	Tons Cleared	
1871	...	156,441	...	412,043	1876	...	287,816
1881	...	635,777	...	892,169	1886	...	258,285
1891	...	736,145	...	1,101,318	1896	...	1,384,049
1901	...	971,953	...	1,517,118	1901	...	1,195,797
1911	...	1,739,898	...	2,349,408	1911	...	1,363,600
1912	...	1,942,748	...	2,385,688	1912	...	1,280,220
1913	...	2,137,420	...	2,672,080	1913	...	1,491,674
1914	...	1,900,005	...	2,370,599	1914	...	1,353,130
1915	...	1,795,095	...	2,144,557	1915	...	1,300,092
1916	...	2,095,388	...	1,886,417	1916	...	929,383
1917	...	1,070,530	...	1,082,234	1917	...	883,927
1918	...	1,413,647	...	1,019,189	1918	...	1,017,797
1919	...	1,536,007	...	2,257,557	1919	...	1,219,299
1920	...	1,404,984	...	2,195,001	1920	...	1,549,863
1921	...	1,126,194	...	1,506,358	1921	...	862,467

The total number of vessels that entered the Port during 1921, was 3,773; Coastwise, 2,778, Foreign, 995. Their tonnage amounted to 1,988,661, compared with 5,468 vessels and a tonnage of 2,954,847 during 1920.

The figures shewing the total volume of the trade of Newport since the year 1916 are not available, but for the previous years they were as follows:—

Year.	Imports in Tons (Coastwise and Foreign).		Exports in Tons (Including Bunkers).		Total.
†1898 ...	723,878	...	2,681,125	...	3,585,003
1899 ...	1,211,864	...	4,663,953	...	5,875,817
1900 ...	1,020,942	...	4,273,656	...	5,294,598
1901 ...	870,868	...	4,124,585	...	4,995,453
1902 ...	998,221	...	4,361,206	...	5,359,427
1903 ...	1,165,169	...	4,756,844	...	5,922,013
1904 ...	1,263,243	...	5,067,384	...	6,330,627
1905 ...	1,361,621	...	4,865,484	...	6,227,105
1906 ...	1,425,220	...	5,452,648	...	6,877,868
1907 ...	1,396,191	...	5,620,756	...	7,016,947
1908 ...	1,527,940	...	5,834,878	...	7,362,818
1909 ...	1,290,878	...	5,740,878	...	7,031,756
1910 ...	1,372,580	...	5,725,612	...	7,098,192
1911 ...	1,326,429	...	6,105,869	...	7,432,298
†1912 ...	1,526,198	...	5,248,219	...	6,774,417
1913 ...	1,867,752	...	5,862,140	...	7,729,892
1914 ...	1,210,985	...	5,180,128	...	6,391,113
1915 ...	1,049,764	...	4,877,390	...	5,927,154
1916 ...	917,746	...	4,810,743	...	5,728,489

(†Years of strikes in coal trade).

In the absence of figures showing the total volume of trade the following “value” figures—kindly supplied by H.M. Customs—are of interest:—

	Imports.		General Exports Excluding Coal.		Coal Exports In Tons.		Coal Bunkers In Tons.
	£		£				
1917 ...	2,568,162	...	3,353,520	...	3,346,211	...	544,755
1918 ...	6,080,010	...	2,343,916	...	3,124,257	...	432,583
1919 ...	2,444,331	...	3,214,480	...	3,654,802	...	609,726
1920 ...	4,348,041	...	5,269,457	...	2,678,650	...	560,834
1921 ...	2,889,297	...	3,155,229	...	1,981,487	...	437,145

GENERAL INSPECTION.

Inspector Jenkins and Assistant Inspector Weaver made 1,701 routine inspections of vessels during 1921 ; in addition 597 re-visits were made to see that notices had been complied with, 10 vessels with sickness on board, and to those arriving indirectly from ports infected with cholera, yellow fever, plague, or small pox.

848 of the vessels which entered from foreign ports were inspected, of these 144 or 16.9 were found to have sanitary defects on board (sailing vessels, 12.5 per cent. and steamships, 17 per cent.).

851 of the "coastwise vessels" were inspected, 43 of these or 5.3 per cent. were insanitary in some respects (sailing ships, 0, steamships, 7 per cent.).

The average percentage found insanitary, according to the present standard of the Board of Trade, was 11 per cent., compared with 10.7 in 1920, 13.97 in 1919, and 16.1 during the 10 years immediately preceding the War.

Arranged according to nationality, the percentage found to be insanitary were as follows:—

Danish	3.9 per cent.	British	10.0 per cent.
Belgian	5 per cent.	Italian	22.7 per cent.
Swedish	5 per cent.	Spanish	25.7 per cent.
French	9 per cent.	German	36.3 per cent.
Dutch	9.1 per cent.	Greek	40.7 per cent.
Norwegian	9.7 per cent.	Jugo-Slav	50.0 per cent.

The 1 American, 2 Brazilian, 2 Finnish, 1 Japanese, 1 Lettish, 1 Portuguese, and 3 Uruguayan vessels which were inspected were free from defects.

HYGIENE OF CREWS' SPACES.

The recommendations made in my Annual Report for 1919, which were considered by the Port Sanitary Authority last year, lead to the passing of the following resolutions:—

- 1.—That the time has arrived for the immediate revision of the British Regulations for the Hygiene of crews' spaces, etc.
- 2.—That the matter should be considered by a Joint Committee representing the Board of Trade, Ministry of Health, Ship-owners, Shipbuilders, the officers and men of the Merchant Service, Port Sanitary Authorities, and the Admiralty.

- 3.—That in view of the International nature of the question of Marine Hygiene, the Government should make every endeavour to have the above subject dealt with by an International Board, such as the League of Nations, with the object of establishing a minimum International Standard for the Mercantile Marine of the leading nations of the world.
- 4.—That copies of the foregoing resolution, together with the statement above set out, be forwarded to the Prime Minister, President of the Board of Trade, Minister of Health, Local Members of Parliament, Port Sanitary Authorities, and others interested in Port Sanitary Hygiene.

The matter has received the special attention of the Association of Port Authorities of Great Britain, with the result that detailed recommendations have been adopted by that body for submission to the Ministry of Health and Board of Trade.

It is not my intention, therefore, in the present report to refer in detail to the unsatisfactory arrangements existing in this country for ensuring a proper standard of Hygiene in crews' quarters on board British built and British owned vessels.

The Board of Trade instructions to Surveyors have not been materially improved for many years ; there were a few suggestions or recommendations added in the 1912 Instructions, but they were not obligatory. In view of the serious attention which has been paid to the subject by other maritime nations and the large amount of new tonnage which has been built since the War, a great opportunity for making good the lack of attention paid to the subject during the pre-war days has been missed.

In one of the many coastal villages of West Wales, which have been the nurseries of a large number of the best type of officers and men in the Mercantile Marine Service of this country, a little scroll, of which the following is a copy, was recently shown to one who is interested in the subject:—

“ This Scroll is written to honour that Great Company of
 “ Men, who, though trained only to a peaceful traffic of the sea, yet,
 “ in the hour of national danger, gave themselves with the ancient
 “ skill and endurance of their breed to face new perils and new
 “ cruelties, and in a just cause served fearlessly to the end, and this
 “ is written further to ensure that among the rest shall be ever
 “ freshly remembered the name and service of EVAN LEWIS THOMAS.”

The above is worthy of the serious attention of the Central Authorities of this country who are responsible for the housing of the Mercantile Marine.

PORT SANITARY REGULATIONS.

The existing facilities for preventing the importation and spread of disease are briefly as follows:—

- (i.) Newport Pilots board vessels bound for Newport at or near Barry Roads, and they have full instructions from the Pilotage Board to make careful enquiries re sickness during the voyage or at time of boarding the vessel.
- (ii.) The Pilots and Customs Officials are provided with lists of Ports reported to be infected with Cholera, Yellow Fever, Plague, or Small Pox, revised periodically by the M.O.H.
- (iii.) Special enquiries are made by the Pilots boarding vessels from infected ports, and they are instructed to deal with them as follows:—
 - (a) If there is sickness on board, they have instructions to send a telegram to the M.O.H. by wireless or via Lloyds Barry Station, and to detain the vessel at the mooring station until the arrival of the M.O.H.

(The Port Sanitary Authority is awaiting the approval of the Ministry to the substitution of Barry Roads for the "Spit" as the mooring station under the Cholera Regulations in the interests of efficiency and economy). The present mooring station is at the Spit, and under present conditions it is more difficult and expensive to obtain a tug to proceed to the Spit than to reach Barry Roads by a tender or motor boat from Barry Docks.

- (b) Vessels from infected or suspected Ports with no sickness on board are allowed to proceed to Newport; on arrival at the entrance to the Docks, the vessels are boarded by the Customs, and the Preventive Officer in charge telephones to the Health Department by day, and to the residence of the Port Medical Officer of Health after office hours, and at night to report the matter and receive instructions for the disposal of the vessel. They are inspected in the locks or in the Docks of "all well" on board.

HOSPITALS.

- (i). Flat Holm Cholera Hospital.
- (ii). Cefn Port Sanitary Hospital.
- (iii). Allt-yr-yn Hospital for Infectious Diseases.

Arrangements exist with the Cardiff Port Sanitary Authority for the removal of cases and suspected cases of Cholera, Yellow Fever, and Plague, on vessels bound for Newport, to the Cholera Hospital on the Flat Holm.

Cases of Smallpox are treated at the Newport Port Sanitary Hospital at Cefn.

Cases of Typhoid, Diphtheria, Scarlet Fever, Influenza, Pneumonia, etc., are removed to the Allt-yr-yn Hospital.

Non-infectious cases are admitted from the Port to the Royal Gwent Hospital or Woolston House Infirmary (Board of Guardians).

The Port is not specially exposed to risks of the introduction of infectious diseases from abroad. In fact with reference to Cholera, Yellow Fever, and Plague, vessels seldom arrive at the Port directly from infected ports ; they nearly all arrive via other Continental or British ports, as Newport at present is not a grain importing port.

With reference to cleansing or disinfecting of verminous persons and their belongings, as neither passengers nor aliens arrive at the port, the work is confined to the requirements of the crews of vessels.

No special facilities exist, apart from the two Steam Disinfectors, for disinfecting clothes and bedding on board vessels. In cases of infectious diseases, and if necessary, verminous conditions, all infected clothing, bedding, etc., is removed by van to be disinfected by steam at Allt-yr-yn Hospital, or at the new station at the Destructor.

A new and inexpensive apparatus has recently been placed on the market, which can be provided with steam from the vessels' steam pipes. This apparatus would be very suitable for dealing with infected and verminous bedding, etc., economically and quickly.

The Port Sanitary Authorities (Infectious Diseases) Regulations, 1920, are printed below. These have been translated into and printed in French, Spanish, and Norwegian languages, for the benefit of the Masters, etc., of the foreign vessels visiting the port.

Newport Port Sanitary Authority.

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THE PORT SANITARY AUTHORITIES (INFECTIOUS DISEASES)
REGULATIONS, 1920, Dated July 14th, 1920.

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NOTICE.

TO THE MASTER OR OFFICER IN CHARGE OF A SHIP.

Every Master or other person in charge of a ship arriving in the Port of Newport with any person on board suffering from any Infectious Disease, such as ACUTE PRIMARY PNEUMONIA, ACUTE INFLUENZAL PNEUMONIA, CEREBRO SPINAL FEVER, DIPHTHERIA, ERYSIPELAS, MALARIA, RELAPSING FEVER, SCARLET FEVER, SMALLPOX, TUBERCULOSIS, TYPHOID FEVER, or TYPHUS FEVER, shall forthwith send notice to Dr. J. Howard Jones, Medical Officer of Health, Port Sanitary Offices, Town Hall, Newport and cause such ship to stop on arrival in any Dock, Basin, Harbour or Canal until the Medical Officer of Health has boarded her.

NOTE.—By Section 1 (3) of the Public Health Act, 1896, any person who wilfully neglects or refuses to obey or carry out, or obstructs the execution of any regulation made under Section 130 of the Public Health Act, 1875, or under that Section as extended to London by the Public Health (London) Act, 1891, or as amended by the Public Health Act, 1896, is liable to a penalty not exceeding ONE HUNDRED POUNDS, and in the case of a continuing offence to a further penalty not exceeding FIFTY POUNDS for every day during which the offence continues.

With a view of removing local conditions known to favour the spread of Infectious Diseases, Masters of Vessels are requested to see to the following, viz:—

1. That all water supplied to ships for drinking purposes is of good quality.
2. That all receptacles in which water is stored on ship board are of suitable material (iron is best) and that they are kept thoroughly clean.
3. That all water closets are well flushed and kept clean at all times and that they are from time to time sprinkled with carbolic acid or some other deodorant.
4. That no bilge water, refuse or other offensive material is allowed to accumulate or putrify on board; and that all places wherein such matters are liable to be deposited are kept at all times thoroughly sweet and clean.
5. That no berth, forecastle, etc., is overcrowded.
6. That steps are taken to destroy rats and mice on board ship in conformity with the regulations.

(Signed) J. HOWARD JONES,

Medical Officer of Health,
County Borough and Port of Newport.

Administration Sanitaire du Port de Newport.

—o:o—

Règlement concernant les Capitaines et Officiers de la
Marine Marchande.

—o:o—

Tout Capitaine ou tout autre officier ou marin, commandant un navire entrant dans le port de Newport, et ayant parmi son équipage ou ses passagers une ou plusieurs personnes atteintes d'une maladie infectueuse ou contagieuse, telles que PNEUMONIE, GRIPPE-PNEUMONIE, FIÈVRE CÉRÉBRO-SPINALE, DIPHTÉRIE, ERYSIPELE, MALARIA, RECHUTE DE FIÈVRE, SCARLATINE, PETITE VEROLE, TUBERCULOSE, FIÈVRE TYPHOÏDE, TYPHUS, est tenue d'en faire immédiatement la déclaration au Directeur de la Santé de ce port, M. le Docteur, J. Howard Jones, en son bureau, L'Hôtel de Ville, à Newport, et de prendre en même temps les dispositions nécessaires pour que le navire reste mouillé à son arrivée dans le Dock, bassin, rivière, port du canal, jusqu' à l'arrivée à bord du Médecin Sanitaire.

N.B.—Tout Capitaine ou autre personne contrevenant aux dispositions ci-dessus sera passible d'une forte amende.

En vue d'arrêter les causes connues de propagation des maladies infectueuses ou contagieuses les Capitaines sont également requis de veiller à la stricte exécution des instructions suivantes.

1. L'eau fournie aux navires pour l'alimentation et la consommation domestique devra être de bonne qualité.

2. Tout réservoir ou récipient quelconque destiné à recevoir l'eau à bord sera de bonne fabrication (l'usage du fer est préférable) et devra être tenue en parfait état de propreté.

3. Les lieux d'aisance seront souvent lavés à grande eau et de temps en temps ils devront aussi être soigneusement désinfectés au moyen d'acide carbolique ou de tout autre produit chimique de même nature.

4. Les eaux se trouvant dans la cale seront vidées avec soin. On devra se débarrasser également de tout détritüs ou ordure et de tout autre matière susceptible de se corrompre à bord et veiller à ce que toutes les parties du navire où ces matières peuvent séjourner, restent toujours dans le plus parfait état de propreté et de salubrité.

5. Aucun encombrement ne devra être toléré dans le poste d'équipage, les gaillards d'avant ou toute autre partie du navire.

6. Tout Capitaine ou tout autre officier devra faire les démarches nécessaires afin de détruire les rats et souris qui pourraient se trouver à bord.

Le Directeur de la Santé,

(Signé) J. HOWARD JONES.

Junta de Sanidad Del Puerto de Newport.

—o:o—

AVISO.

A LOS CAPITANES U OFICIALES AL MANDO DE BUQUES.

—o:o—

Todo capitán ó persona al mando de un buque que llegue al Puerto de Newport con alguien á bordo que padezca de cualquiera enfermedad contagiosa como NEUMONÍA PRIMARIA AGUDA, NEUMONÍA GRIPAL AGUDA, FIEBRE CEREBRO-SPINAL, DIFTERIA, ERISIPELA, PALUDISMO, RECIDIVA FEBRIL, ESCARLATINA, VIRUELOS, TUBERCULOSIS, FIEBRE TIFOIDEA ó TABARDILLO, TIFO, avisará inmediatamente al Médico de Sanidad, Dr. Howard Jones, Casa de Ayuntamiento, Newport, y tal buque quedará en observación hasta que vaya á bordo el Médico de Sanidad.

NOTA.—El capitán ó persona al mando de buque que no cumpla con este aviso, está espuesto á una rigurosa multa.

Con el fin de remediar las condiciones locales que se conocen ser favorables al origen y aumento de las enfermedades contagiosas, se encarga á los capitanes observen las siguientes precauciones:—

1. Que el agua para beber que se tome á bordo sea de buena calidad, y limpia.
2. Que los Algibes ó vasijas en donde se ponga el agua sean de material á propósito (de hierro son los mejores) y que se mantengan siempre muy limpios.
3. Que todos los excusados se limpien bien con agua y tenerlos siempre muy limpios y que de cuando ponga algún ácido carbólico ú otro desinfectante.
4. Que no se permita acumulación en los Algibes ó de desperdicios y materias ofensivas á bordo; y que todos los sitios en donde se puedan acumular tales materias se tengan escrupulosamente limpios.
5. Que no se ponga más gente en los ranchos de la que convenientemente pueda caber.
6. Al capitán ú otra persona al mando corresponderá cumplir con toda orden dada por la Junta de Sanidad del Puerto concerniente á la desratisazacion del buque.

Firmado,

J. HOWARD JONES,

Médico de Sanidad.

Autorità Sanitaria del Porto di Newport.

—o:o—

AVVISO.

Ai Capitani od ufficiali al comando di bastimenti.

—o:o—

Ogni Capitano od ufficiale al comando d'un bastimento all'arrivo nel Porto de Newport evente a bordo persone afette da malattia contagiosa, come p.e. PULMONITE ACUTA, PULMONITE GRIPPE, FEBBRE CEREBRO-SPINALE, DIFTERIA, RISIPELA, MALARIA, FEBBRE INCOSTANTE, SCARLATINA, PICCOLO VAIUOLO, TUBERCULOSIS, FEBBRE TIFOIDA, o TIFO, ecc., devono avvisare, immediatamente il Sig. Dottore J. Howard Jones, ufficiale medico di Sanità del Porto di Newport, l'ufficio, Municipio ed obligare detto bastimento a rimanere alla Stazione della Dogana fino a che non abbia subito la visita medica a bordo.

AVVISO.—Il Capitano od ufficiale al comando del bastimento, trasgredendo tali ordini é soggetto a grava multa. Onde rimuovere le condizioni locali, conosciute favorevoli alla dillatazione di malattie contagiose, sono requisiti i Sig. Capitani d'attenersi secondo gli articoli seguenti.

1. Che l'acqua fornita ai bastimento per bere, sia di buona qualità.
2. Che tutti i depositi d'acqua a bordo siano bene acconciati di ferro i migliori) e che siano tenuti scrupolosamente puliti.
3. Che tutti le latrine siano ben squazzatte e mantenute pulite ed ogni volta tanto disinfettate con acido Carbolico od altri disinfettanti.
4. Che non si permetti a bordo l'accumulazione o putrefazione d'acqua di Sentina e d'altre materie offensive, ed i luoghi destinati alle immondizie, che siano scrupolosamente mantenuti puliti.
5. Che non vi siano persone di sovrapiú, nei dormitori, Castel di pruo ecc.
6. Sono requisiti i Sig. Capitani di fare il necesario per distruggere i topi che si trovassero á bordo.

All Sig.

J. HOWARD JONES,

Medico di Sanità.

VENEREAL DISEASES.

Free treatment is available at the Venereal Diseases Clinic at the Royal Gwent Hospital, which is conveniently situated for vessels in the Docks and at the Wharves.

Notices are left on board vessels entering the port, which contain particulars of the sessions when treatment can be obtained. Particulars are also supplied with reference to the facilities for treatment in other ports.

Seamen attending the clinics are given cards when they leave (V. 15 card), which contain particulars of the treatment they have received for the information of the Medical Attendant who may give them further treatment. During 1921, 37 "V. 15" cards were issued.

DISEASES AND ACCIDENTS ON VESSELS ARRIVING AT THE PORT.

1.—After arrival at Newport.

Accidents, 6 (one fatal), Feverish Colds, 22, Diarrhoea, 1, Rheumatism, 2, Pneumonia, 1, Quinsy, 3, Venereal Diseases, 7, Malaria, 1, Scabies, 2, Appendicitis, 2, Bronchitis, 2, Jaundice, 1, Septic Diseases, 6, Gastritis, 1, Tuberculosis, 2, Pleurisy, 1, Gastric Ulcer, 1, Influenza, 1. Total 63.

2.—During voyage to Newport.

Appendicitis, 1, Malaria, 33, Heart Disease, 6 (3 deaths), Venereal Diseases, 6, General Debility, 1, Accidents, 13 (3 fatal), Hernia, 1, Bright's Disease, 3, Suicide, 1, Influenza, 5, Observation cases, 7, Pneumonia, 3, Tumour, 1, Hæmorrhage, 1, Septic Poisoning, 1, Pleurisy, 2, Dysentery, 2, and Gastritis, 1. Total 88.

The following cases of Infectious Diseases occurred on vessels visiting the port, during the voyage or after arrival. Phthisis, 5, Small pox, 1, Typhoid Fever, 2, Paratyphoid, 1, Chicken pox, 1,

13 cases of sickness, etc., were removed to Hospitals at Newport, viz:—Allt-yr-yn Hospital, 3, Cefn Hospital, 1, Royal Gwent Hospital, 8, and Wooloston House, 1.

DERATISATION OF VESSELS.

No Plague infected, or Plague suspected vessels arrived at Newport during 1921.

52 vessels were inspected for the existence of Rats. Of these, 28 vessels were subjected to deratisation, with the result that 779 rats were killed on board these vessels.

103 Certificates were issued to Masters of vessels proceeding to Spanish ports to the effect that the vessels had either been deratised or that on inspection they were found to be free from rats.

The amount received for deratisation of 28 vessels amounted to £52 12s. 9d. ; and £108 3s. 0d. was received for certificates issued to Masters of vessels to Spanish ports.

The Spanish requirements have lately been modified to the extent that certificates of deratisation are only required every six months for British vessels, instead of every voyage.

The ratcatcher employed by the Port Sanitary Authority has in addition paid special attention to the neighbourhood of the docks, wharves, river banks, and warehouses, and refuse tips near the docks for the purpose of reducing the rat population. There has been a very marked reduction in the number of rats in the port.

62,880 baits were laid, traps and rat lime, dogs and ferrets were also utilised for this purpose. 3,316 dead rats were found as a result of these efforts.

**No. of Baits laid and dead rats recovered during
each month of the year.**

Month	No. of Baits laid.	No. of dead rats discovered.		
		Brown.	Black.	Total.
January	... 1376	67	22	89
February	... 5433	142	46	188
March	... 3461	166	53	219
April	... 5419	330	106	436
May	... 6612	273	89	362
June	... 3619	308	92	400
July	... 3300	168	104	272
August	... 6320	296	10	306
September	... 6300	252	1	253
October	... 5900	299	—	299
November	... 8220	304	—	304
December	... 5920	182	6	188
	<hr/> 62,880 <hr/>	<hr/> 2787 <hr/>	<hr/> 529 <hr/>	<hr/> 3316 986 M. 2330 F. <hr/>

Of the 2787 Brown Rats, 857 were Males and 1930 Females. 400 of the Black Rats were Females, and 129 Males.

DOCK SANITATION AND REFUSE REMOVAL.

There is no organised system of collection of the refuse which is produced on vessels during their stay in port.

The ashes or clinker is removed by the Dock Authorities on request ; whilst much of the kitchen or food refuse is burnt in the boilers, etc. In other cases it is allowed to accumulate on until an opportunity occurs for dumping it overboard after leaving port.

In both cases it is wasted, whereas it is a valuable pig food.

If arrangements could be made for its utilisation as such at the Corporation piggeries at the Destructor works, a serious source of nuisance on board ships would be removed and waste would be prevented.

Possibly arrangements might be made with some launch or barge owner for its collection for a definite sum per ton, if the Corporation would collect it at the Docks, by arrangement with the Alexandra Dock Company, whose officials are fully alive to the need of improvement in that direction.

I wish again to thank the Collector of Customs and his " Preventive " Staff, and the Clerk of the Pilotage Board for affording prompt and valuable assistance at all times in carrying out the Regulations, and to Inspector Jenkins and his Assistant, for their conscientious attention to their duties.

I have the honour,

Your obedient Servant,

J. HOWARD JONES,

Medical Officer of Health.

TABLE II.

Vessels inspected under the Cholera, Yellow Fever and Plague Regulations, 1907, of the Local Government Board.

Date	Vessel	Nation	Whence	Where Inspected	Remarks
Feb. 15th	Clan Lindsay	British	Bombay via London and Antwerp	Alex. Dk.	All well
23rd	Dibble Bridge	British	Constantinople via Malta and Vigo	Do.	All well
Mar. 5th	Ballerby	British	Bombay via Dunkerque	Do.	All well
14th	Clan Macquarrie	British	Calcutta via London and Dundee	Do.	All well
15th	Sutton Hall	British	Rangoon via Liverpool and Glasgow	Do.	All well
16th	Media	British	Calcutta via Liverpool and Swansea	Do.	All well
16th	Corcovado	Brazilian	Rio Janeiro via Havre and Antwerp	Do.	All well see Table III.
22nd	City of Versailles	British	Alexandria via London	Do.	All well
24th	Fagerisk	Swedish	Alexandria via Ibrail	Do.	Do.
Apr. 27th	City of Bristol	British	Malta and Limerick Sidney via Colombo and Hamburg	Do.	All well see Table III.
May 13th	Clan Macnab	British	Calcutta via London and Middlesbro	Do.	Do.
June 8th	Gladiator	British	Rangoon via Liverpool	Do.	All well
Aug. 10th	Clan Ross	British	Colombo via Dunkirque	Do.	Do. see Table IV.
15th	City of Cairo	British	Bombay via Liverpool	Do.	All well see Table IIIa.
23rd	Saxilby	British	Port Said via Algiers	Do.	All well
Sep. 3rd	Sabor	British	Rio Janeiro via Rotterdam	Do.	Do. see Table IV.
6th	Clan Alpine	British	Hamburg and London Indian Coast via Antwerp London & Middlesbro	Do.	Do. see see Table IIIa.
8th	Barambah	British	Alexandria via London and Antwerp	Do.	All well
10th	Clan Macbrayne	British	Port Said via Avonmouth	Do.	Do.
Oct. 3rd	Clan Macquarrie	British	Colombo via Dunkirque and London	Do.	All well see Table III.
3rd	Ville du Havre	French	Port Said via Marscilles	Do. Tredegar Dry Dk.	All well

TABLE II.—continued.

Date	Vessel	Nation	Whence	Where Inspected	Remarks
12th	Trevose	British	Indian Coast via Trieste & London	Bailey's Dry Dk.	All well
17th	Olympia	British	Bombay via Marseilles and Liverpool	Channel Dry Dk	Do.
21st	City of Naples	British	Colombo via Port Said and Hull	Alex. Dk	Do. see Table IIIa.
22nd	Austrian	British	Alexandria via London	Do.	All well
26th	Oregon	Danish	Rio Janeiro via Bahia and Copenhagen	Do.	Do.
27th	Clan Mactaggart	British	Indian Coast via London, Barry and Liverpool	Do.	Do.
Nov. 3rd	Boorah	British	Port Said via London and Antwerp	Do.	Do. see Table IIIa.
7th	Branksome Hall	British	Rangoon via Port Said and London	Do.	Do.
9th	Kristianiafjord	Norweg.	Rio Janeiro via Bahia and Hamburg	Do.	Do.
11th	Marian Roussos	Greek	Alexandria via Galatz Falmouth & Cardiff	Do.	Do.
17th	Siris	British	Rio Janeiro via Bahia and Antwerp	Do.	All well
21st	Clan Mackellan	British	Port Said via Genoa, Hamburg, Antwerp and London	Do.	Do. see Table III. & IIIa.
22nd	David L. George	British	Alexandria via Constantinople and Cardiff	Do.	see Table IIIa.
28th	Kaduna	British	Bombay via Leith and Middlesbro	Do.	All well
31st	Keemun	British	Port Said via London and Rotterdam	Do.	Do.
Dec. 1st	Glensanda	British	Colombo via Port Said and Hamburg	Do.	Do. see Table IIIa.
3th	Carina	British	Colombo via Port Said and Antwerp	Do.	All well
5th	Portfield	British	Port Said	Do.	Do. see Table III.
14th	Tremayne	British	Indian Coast via Genoa Hamburg and Antwerp	Do.	All well see Table IIIa.
20th	City of Cairo	British	Calcutta via London and Antwerp	Do.	All well
20th	Clan Mackinnon	British	Indian Coast via Port Said and Antwerp	Do.	Do.

TABLE III.

Vessels visited during stay in Port owing to having non-notifiable sickness on board. The patient being attended by Medical Practitioner engaged by the Master.

Date	Vessel	Nation	Whence	No. of Sick and Remarks
Jan. 17th	Sedgepool	British	Antwerp	1 Chf. Officer, accident, removed R.G. Hospital, 17/1/21
20th	Ronda	British	Rotterdam	1 3rd Officer, off duty, feverish cold
24th	Villamanrique	Spanish	Cardiff	1 Asst. Steward, off duty, feverish cold
28th	Manuchu	Spanish	Glasgow	1 A.B. accident, inj. to leg
Feb. 1st	Anglet	French	Nantes	1 A.B. off duty, chill
8th	Overwaarden	Dutch	Antwerp	1 Chf. Officer, "Cramps"
9th	Marita	Norweg.	Bilbao	2, Master, Diarrhoea, Steward, Rheumatism
22nd	Calulu	British	London	1 Chf. Eng., Pneumonia, removed to R.G. Hospital, 21/2/21
24th	Begona II.	Spanish	Seville	1 Fireman, off duty, quinsy
Mar. 5th	Harold Chang	Norweg.	Tonnay Charente	1 Fireman, Venereal Dis., R.G. Hospital Clinic
15th	Eastney	British	Tyne	1 Fireman, Malarial Fever, admitted Allt-yr-yn Hosp. 15/3/21
16th	Corcovado	Brazilian	Antwerp	1 A.B. Feverish Cold
30th	Dongarra	British	London	1 A.B. Accident, removed R.G. Hospital, 30/3/21
Apr. 1st	Loosdrecht	Dutch	Antwerp	2, 2nd Officer, Venereal Dis., 1 A.B. Tonsilitis
27th	City of Bristol	British	Hamburg	2 Lascar A.B.'s Cold and Venereal Disease, respectively
May 2nd	Discoverer	British	Liverpool	1 Lascar A.B. Cold
10th	Loosdrecht	Dutch	Antwerp	2 A.B.'s Scabies
13th	Clan Macnab	British	Liverpool	1 Lascar A.B. Venereal Dis.
24th	Waltham	British	Rotterdam	1 Death, accidental, apprentice fell down hold, 17/5/21
July 11th	Pandelas	Greek	Bristol	1 Fireman, Feverish Cold
18th	Mathilda	Norweg.	Algiers	1 Chf. Eng., Appendicitis, admitted R.G. Hospital, 18/7/21
19th	Keats	British	Marseilles	1 3rd Officer, Bronchitis
Aug. 2nd	Vega	Danish	Bordeaux	1 A.B. Jaundice, admitted R.G. Hospital, 4/8/21
10th	Ricardito	Spanish	Bordeaux	1 Master, Abscesses
16th	City of London	British	Liverpool	2, 1 Lascar Fireman, Tonsilitis, admitted R.G. Hospital, 10/8/21, 1 A.B. Feverish Cold
24th	Tordera	Spanish	Manchester	4, Master, 1 A.B., 2 Firemen off duty, Feverish Colds

TABLE III.—continued.

Date	Vessel	Nation	Whence	No. of Sick and Remarks
Sept. 22nd	Gosforth	British	Antwerp	1 Fireman, Gastritis
27th	Ariadne	British	Antwerp	1 Master, Chill
	Alexandra			3, 1 Lascar A.B. Cold, 1 Fire-
Oct. 3rd	Clan Macquarrie	British	London	man, Injury, 1 Lascar
				Fireman, Tuberculosis,
				removed Woolston Sana-
				torium, 4/10/21
	19th Tilburg	Dutch	Bordeaux	1 A.B. Venereal Disease,
				attending R.G. Hospital
				Clinic
Nov. 10th	Havtor	Norweg.	Trongsund	1 A.B. do. do. do.
11th	Clan Menzies	British	Avonmouth	7, 4 Lascar A.B.'s and 3 Fire-
				men off duty, Colds, etc.
	14th Consuela	Spanish	Foy	1 Fireman, Phthisis, sent
				home to Bilbao
	19th Stenies	Greek	Bordeaux	1 A.B. Venereal Disease,
				attending R.G. Hospital
				Clinic
	25th Clan MacKellan	British	London	5 Lascars, 1 A.B. Rheumatism
				3 Firemen, Feverish Colds,
				1 Fireman, Pleurisy,
				admitted R.G. Hospital,
				25/11/21
	28th Gevalea	Swedish	Preston	1 Fireman off duty,
				Feverish Cold
	28th Ulv	Norweg.	Dieppe	1, 2nd Officer, off duty,
				Bronchitis
	30th Aghios	Greek	Cette	2 Firemen off duty, Feverish
	Gerasimos			Colds
Dec. 5th	Haim	Norweg.	London	1 O.S., off duty
				Ulcerated Throat
	8th Portfield	British	Port Said	1 Apprentice, Appendicitis,
				sent home
	15th Kirnwood	British	Genoa	1 Fireman, Accident,
				removed R.G. Hospital
	18th Gure	Spanish	Bilbao	1 Death, A.B. Gastric Ulcers
				(on board)
	29th Ramscappelle	Belgian	Antwerp	1 A.B. off duty, Influenza

TABLE IIIa.

Shewing cases of non-notifiable sickness occurring during the voyage, and which were reported on arrival.

Date	Vessel	Nation	Whence	Nature of Sickness and Action Taken.
Jan. 5th	Derwent River	British	London	1 Cook, Appendicitis, landed Hospital, Buenos Aires, 2/11/20
18th	Skegness	British	Bilbao	21 members of crew, Malarial Fever, from 21/5/20 to 1/1/21, 7 of whom were landed in Hospital at Ports in the U.S.A., remainder recovered and completed voyage
Feb. 7th	Westmead	British	Milazzo	1 Apprentice, Heart Disease, landed Hospital, Genoa, 4/1/21
7th	Vittorio Emmanuele III	American	Antwerp	1 A.B. Venereal Disease, landed Hospital, Antwerp, 20/1/21
11th	Nordmark	French	Marseilles	1 A.B. General Debility, off duty on arrival
24th	Maindy Manor	British	Bremen	1 Carpenter, Accident, landed Hospital, Galveston 21/1/21
25th	Dorie	British	Ipswich	2, 1 A.B. Hernia, landed Hospital, Norfolk, 14/10/20 1 Fireman, Bright's Dis., landed Hospital, Buenos Aires, 12/12/20
Mar. 2nd	Frank Parish	British	Liverpool	1 Death, Suicide, Fireman jumped overboard at sea, 1/1/21
9th	Terrific	British	Rotterdam	1 3rd Eng., Accident, landed Hospital, Obligado 10/12/20
12th	River Tawe	British	Chantenay	1 Death, A.B. Accident, Chantenay, 8/3/21
18th	Catherine Annie	British	Belfast	1 A.B. Observation, landed Hospital, Belfast, 11/3/21
21st	Azeus	British	Dunkerque	1 Fireman, Venereal Disease, landed Hospital, Newport News,
Apr. 5th	Orange River	British	Hamburg	1 A.B. Observation, landed Hospital, Hamburg, 15/2/21
5th	Roda	British	Rotterdam	1 Death, A.B. fell overboard and drowned, Capetown
6th	Agga	Norweg.	Tonnay Charente	2, 1 A.B., 1 Fireman, Venereal Disease, landed Hosp., Gibraltar, 22/2/21
June 1st	Nordberg	Norweg.	Bristol	1 Fireman off duty, Accident

TABLE IIIa.—continued.

Date	Vessel	Nation	Whence	Nature of Sickness and Action Taken.
Aug. 5th	Planet	German	Hamburg	1 A.B. Influenza, removed R.G. Hospital, 6/8/21
9th	Finchley	British	London	1 Fireman, Accident, removed London Hospital 27/7/21
15th	City of Cairo	British	Liverpool	1 Death at sea, Passenger Heart Disease, 11/7/21
17th	Poseidon	Dutch	Hamburg	6, 4 A.B.'s, 2 Boys, Observation cases, landed Hospital Amsterdam, 24/7/21
17th	Uskmouth	British	Antwerp	1 A.B. Accident, landed Hospital, Gibraltar
30th	Peter Maeresk	Danish	Manchester	1 Fireman, Malarial Fever, landed Hospital, Manchester, 26/8/21
Sept. 6th	Clan Alpine	British	Middlesbro'	1 Death at sea, Deck Sarang taken ill leaving Middlesbro, 2/9/21 and died 6/9/21, V.D. Heart
3rd	Sabor	British	London	2 members of crew, Observation cases, landed Hospital, Rotterdam, 7/8/21
7th	Mokta	British	Rotterdam	1 Carpenter, Accident, landed Hospital, Algiers, 20/7/21
27th	Ariadne Alexandra	British	Antwerp	1 Fireman, Pneumonia, landed Hospital, Gibraltar, 28/8/21
28th	Carol 1st	French	Penarth	2, 1 Cabin Boy, Accident, landed St. Nicholas, 2/8/21, Boatswain, Tumour landed Hospital, Madeira 5/9/21
Oct. 4th	Trevalgan	British	Liverpool	1 4th Eng., Accident, landed Hospital, Buenos Aires 2/8/21
13th	Oakmere	British	London	1 Fireman, Pneumonia, landed at Lagos, 7/9/21
21st	City of Naples	British	Hull	1 Quartermaster, Hemorrhage, landed Hospital Malta, 25/9/21
26th	Somerton	British	Antwerp	1 Fireman, Accident, landed Hosp. Las Palmas, 2/10/21
27th	Slemish	British	Nantes	1 Cabin Boy, Septic Poisoning, landed Hospital, Nantes, 14/10/21
29th	City of Versailles	British	Hamburg	1 3rd Eng., Pleurisy, landed Hospital, Constantinople. 23/9/21
31st	Grelisle	British	Ipswich	3 Firemen, Observation cases landed Hospital, Norfolk, 27/8/21

TABLE IIIa.—continued.

Date	Vessel	Nation	Whence	Nature of Sickness and Action Taken.
Nov. 3rd	Boorah	British	Antwerp	1 Fireman, Pleurisy, landed Hospital, London, 20/10/21
7th	Branksome Hall	British	London	1 2nd Officer, Dysentery, landed Hospital, Colombo, 11/9/21
9th	Kristianiafjord	Norweg.	Hamburg	3 A.B.'s 1 Dysentery, landed Hospital, Buenos Aires, 13/8/21, 1 A.B. Influenza, Rio Janeiro 1 A.B. Syphilis, landed Hospital, Rio Janeiro, 20/8/21
10th	Ingleby	British	Genoa	1 A.B. Accident landed Hosp., Montreal, 28/8/21
19th	Cabino	Spanish	Briton Ferry	1 Death, Steward, Heart Dis., 16/11/21
21st	Clan MacKlellan	British	London	1 Lascar A.B. Heart Disease, landed Hospital, Aden, 6/10/21
22nd	Hartington	British	Dunkerque	1 A.B. Pneumonia, landed Hospital, Buenos Aires,
22nd	D. L. George	British	Cardiff	1 4th Eng., Malarial Fever, landed Hospital, Java, 5/8/21
28th	Hindustani	British	Antwerp	1 Fireman, Accident, landed Hospital, Montreal, 20/10/21
28th	Aghios Gerasimos	Greek	Cette	2 Firemen, Influenza, treatment on board
Dec. 1st	Glensanda	British	Hamburg	1 W. Operator, Bright's Dis., landed Hospital, Hamburg, 16/11/21
5th	Berkut	British	Barcelona	1 Fireman, Bright's Disease, landed Hospital, Santos, 4/9/21
12th	Australpeak	British	Liverpool	1 Fireman, Influenza, landed Hospital, Cork, 24/11/21
14th	Tremayne	British	Antwerp	9, Cook and 4 Firemen, Malarial Fever, landed Hospital, Port Said, 27/10/21, 3 A.B.'s 1 Fireman, Malarial Fever, landed Hospital, Gibraltar, 17/11/21
21st	Lov Stakken	Norweg.	Manchester	1 2nd Eng. Gastritis, landed Hospital, Manchester, 12/12/21
21st	Kcats	British	Limerick	1 Fireman, Heart Disease, landed Hospital, Limerick, 1/12/21
28th	Glaucus	British	Rotterdam	2 Chinese Firemen, Syphilis, treatment on board

TABLE IV.

List of Vessels which had cases of Infectious Diseases on board during voyage, or after arrival in Newport.

Date	Vessel	Nation	Whence	Nature of Sickness and Action Taken.
Mar. 16th	Galtee	British	Hennebont	1 Fireman, Phthisis, landed Hospital, Hennebont, 9/3/21, Quarters disinfected and cleansed
19th	Catherine Annie	British	Belfast	1 A.B. Small pox, landed Hospital, Burriana, 28/2/21 Quarters and effects disinfected and cleansed 14 of crew re-vaccinated
May 12th	Cunene	Port'gse	Rotterdam	1 Fireman, Phthisis, admitted Beechwood Sanatorium, Quarters disinfected and cleansed
July 29th	Aspasia	Greek	Falmouth	1 Steward, Typhoid Fever, removed to Allt-yr-yn Hos., 29/7/21, from boarding-house, Dolphin Street, Quarters and effects disinfected and cleansed.
Aug. 10th	Clan Ross	British	Dunkerque	1 Native Cook, Phthisis, to be sent to Calcutta
Sept. 7th	Princess	British	Southampton	1 Lascar Fireman, Chicken Pox, removed to Cefn Port Sanitary Hospital
14th	Danebod	Danish	Cardiff	1 A.B. Typhoid Fever, landed Hospital, Falmouth, Quarters cleansed, Freshwater Tanks cleansed and cement washed
Nov. 28th	Agchois Gerasimos	Greek	Cette	1 Master, Paratyphoid Fever removed Allt-yr-yn Hosp., Quarters disinfected and cleansed.

INSPECTOR'S REPORT.

PORT SANITARY OFFICE,
NEWPORT,

July, 1922.

To the Chairman and Members of the Port Sanitary Committee.

GENTLEMEN,

During the year, 1701 vessels were inspected, of these, 1216 were British, and 485 were Foreign. 187 vessels were found to have sanitary defects on board, 597 re-visits were made to see that notices had been complied with, visits were also made to vessels having cases of sickness on board, and to those arriving from infected areas.

Number of Vessels inspected, Foreign and Coastwise:—

	No.		No.		No.	
Foreign:—	Inspected		Defective		Notices	
Steamships	...	832	...	142	...	142
Sailing Vessels	...	16	...	2	...	2
Coastwise:—						
Steamships	...	706	...	43	...	43
Sailing Vessels	...	147	...	—	...	—
Total	...	1701		187		187

Nationality and the number of Vessels inspected:—

Nationality	Steamships		Sail		San. Defects		Per cent.	
					s/s	sail	Insan.	
American	...	1	...	—	...	—	...	—
British	...	1071	...	145	...	119	...	10
Belgian	...	20	...	—	...	1	...	5
Brazilian	...	2	...	—	...	—	...	—
Danish	...	27	...	1	...	1	...	3.9
French	...	137	...	12	...	13	...	9.0
Finnish	...	2	...	—	...	—	...	—
German	...	10	...	1	...	3	...	36.3
Greek	...	27	...	—	...	11	...	40.7
Dutch	...	32	...	1	...	3	...	9.1
Italian	...	22	...	—	...	5	...	22.7
Japanese	...	1	...	—	...	—	...	—
Jugo Slav	...	2	...	—	...	1	...	50.0
Lettish	...	—	...	1	...	—	...	—
Norwegian	...	91	...	1	...	9	...	9.7
Portugese	...	1	...	—	...	—	...	—
Spanish	...	70	...	—	...	18	...	25.7
Swedish	...	19	...	1	...	1	...	5.0
Uruguayan	...	3	...	—	...	—	...	—
	1538		163		185		2	10.9

The following were the nuisances and defects dealt with :

- 133 vessels with dirty forecastles and berths, &c.
- 41 vessels with defective lights and ventilators.
- 24 vessels with defective stoves and heating apparatus.
- 5 vessels with defective cable casings passing through or adjoining living spaces.
- 1 vessel with defective Hawse pipes passing through living spaces.
- 1 vessel with defective scupper pipes passing through water closets from living spaces.
- 10 vessels with defective leaky decks.
- 2 vessels with defective flooring.
- 2 vessels with defective ceilings or wood lining over bunks.
- 14 vessels with defective food lockers.
- 9 vessels with insufficient or no table or seating in forecastles.
- 7 vessels with defective bulkheads between living spaces and water closets, lockers, or stores.
- 7 vessels with fresh provisions or stores in living spaces.
- 4 vessels with defective or dirty fresh water receptacles, or impure water supply.
- 4 vessels with dirty provision stores.
- 4 vessels with stagnant water on floors in living spaces.
- 5 vessels with water closets utilised as bo'swain stores, paint, oil, or lamp lockers.
- 6 vessels with damaged or heated grain in limbers, or holds.
- 6 vessels with defective entrance doors to living spaces.
- 12 vessels with defective water closet pans, out-go pipes, or water service.
- 47 vessels with foul water closets.
- 31 vessels with accumulation of refuse on deck.
- 8 vessels were fumigated on account of their verminous condition.
- 1224 dirty or verminous beds were destroyed.

QUAYSIDE NUISANCES.

Nuisance caused by discharge of water closets contents on quayside from vessels berthed alongside quay.

During the year, 24 orders were issued to Officers in charge of vessels to abate nuisance of this nature, and to use only those waterclosets on off side from quay.

IMPORTATION OF DOGS ORDER, 1901.

The number of vessels from Foreign Ports direct, or via Coast-wise from Foreign, having dogs on board were:—

No. of Vessels, 122. No. of Dogs, 185.

FOREIGN ANIMALS ORDER, 1910.

21 Vessels arriving from Foreign or Home Ports having animals on board, were visited.

Animals on board:—

Pigs, 24. Sheep, 20. Goats, 2. Oxen, 4.

Orders were issued to the Officer in charge for the disinfection and cleansing of all pens and fittings used by the animals on board.

INSPECTION OF IMPORTED FOOD.

PUBLIC HEALTH (UN SOUND FOOD) REGULATION.

Norwegian M. V. Ruth arrived with cargo of potatoes, 305 Tons, the whole of which were condemned by the M.O.H. as unfit for human consumption and taken out to the Bristol Channel and thrown overboard during the voyage to Swansea. There was no alternative method of disposal ashore.

I am, Gentlemen,

Your obedient Servant,

W. J. JENKINS,

Port Sanitary Inspector.

